



Previous Name: Shell Spirax ASX 75W-90

# Shell Spirax S6 AXME 75W-90

*Superior performance, synthetic, fuel efficient GL-5 axle oil for many premium applications*

Spirax S6 AXME 75W-90 is a unique fuel-efficient, long life transmission and axle oil, designed to provide ultimate protection to the latest heavy duty manual transmissions and axles. Specially formulated with synthetic base oils and additive technology unique for Shell, gives improved lubrication of the drive train, lowers the operating temperature and helps promote longer life for the equipment. Spirax S6 AXME 75W-90 is also extended oil drain capable and is approved by several OEMs for their extended drain specifications.

### Applications

- **Transmissions and axles**  
Heavily loaded axles and non-synchronised transmissions where mineral or synthetic GL-5/MT-1 gear oils are recommended

### Performance Features and Benefits

- **Greater efficiency and therefore higher fuel economy.**  
Tailored frictional properties give lower power loss and hence lower operating temperatures resulting in increased mechanical efficiency
- **Longer oil drain capability**  
Super high performance additives with exceptional oxidation resistance plus lower operating temperatures ensures long term gear and seal protection and longer oil life. *Please contact your local Shell representative for more information about extended oil drain intervals.*
- **Longer equipment life**  
Excellent protection against gear wear and pitting, helps prevent premature failures. Outstanding oxidation resistance also helps prevent damage to seals due to deposit formation.
- **Less Lubricant Usage**  
Excellent static and dynamic seal compatibility exceeding OEM requirements, which helps

minimize seal leaks. The extended drain capabilities help maximize oil drain intervals resulting in less overall lubricant usage during life of the equipment.

- **Recognised by Leading Equipment Manufacturers**

A number of leading equipment manufacturers recognise the benefits of Spirax S6 AXME 75W-90 and have formally approved it against their specifications.

### Specification and Approvals

API	GL-5, MT-1
SAE	J2360
US Military	MIL-PRF-2105E QPL PRI GL 0211
ArvinMeritor EU	Rear Axle 400,000km extended drains
DAF	
Mack	GO-J Plus
MAN	MAN 342 Typ S1
Scania	STO 2:0
ZF	05A-07A-12B-16F-17B- 19C-21B
Volvo	97312

### Advice

Advice on applications not covered in this leaflet may be obtained from your Shell Representative.

### Health and Safety

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet, which can be obtained from your Shell representative.

**Protect the environment**

Take used oil to an authorised collection point. Do not discharge into drains, soil or water

**Typical Physical Characteristics**

<b>Spirax S6 AXME 75W-90</b>		
SAE Viscosity Grade	SAE J 306	75W-90
Kinematic Viscosity @ 40°C mm <sup>2</sup> /s @100°C mm <sup>2</sup> /s	ISO 3104	115.0 15.2
Dynamic Viscosity @ -40°C mPa s	ISO 9262	135,000
Shear Stability Viscosity after shearing @ 100°C mm <sup>2</sup> /s	CEC L-45_A-99 ISO 3104	14.5
Viscosity Index	ISO 2909	138
Density @ 15°C kg/m <sup>3</sup>	ISO 12185	878
Flash Point COC °C	ISO 2592	210
Pour Point °C	ISO 3016	-42

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.